

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055150.D
 Acq On : 06 Sep 2023 19:11
 Operator : MD/SY
 Sample : 04230-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4B8

Quant Time: Sep 06 20:42:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

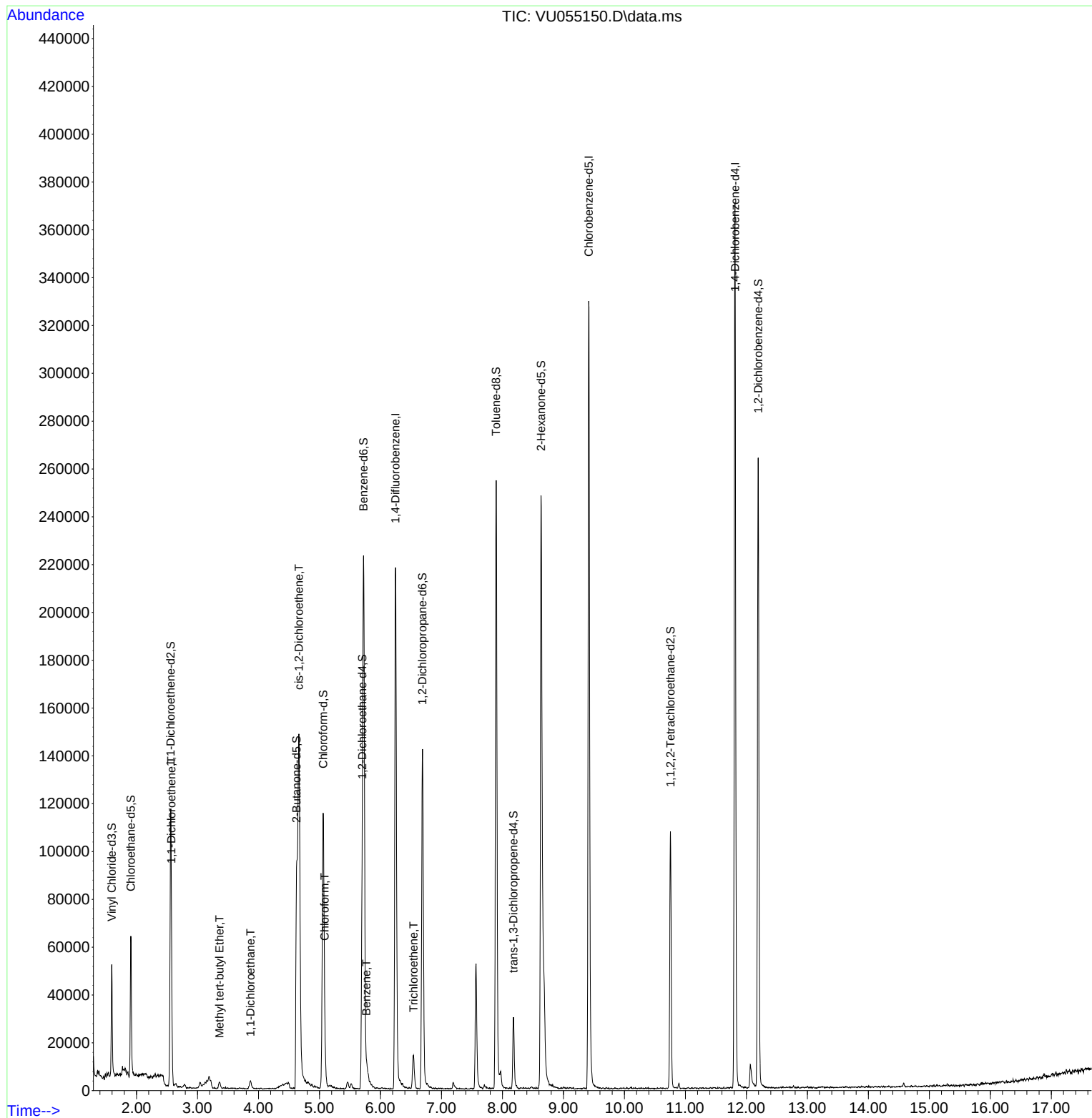
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	177622	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	181895	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	94873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	31378	3.769	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.400%	
7) Chloroethane-d5	1.907	69	39839	4.134	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.600%	
11) 1,1-Dichloroethene-d2	2.560	65	20133	4.244	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.800%	
20) 2-Butanone-d5	4.624	46	136292	56.417	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.840%	
24) Chloroform-d	5.062	84	104551	4.733	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
26) 1,2-Dichloroethane-d4	5.701	65	55931	5.061	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	5.724	84	202017	4.499	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
36) 1,2-Dichloropropane-d6	6.689	67	67480	4.725	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.600%	
41) Toluene-d8	7.898	98	173975	4.206	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
43) trans-1,3-Dichloroprop...	8.180	79	16000	4.068	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.400%	
46) 2-Hexanone-d5	8.634	63	77691	48.660	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.320%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54401	5.417	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	65904	4.759	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.200%	
Target Compounds						
12) 1,1-Dichloroethene	2.573	96	7562	0.921	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	2492	0.116	ug/L	97
19) 1,1-Dichloroethane	3.869	63	3962	0.220	ug/L #	83
22) cis-1,2-Dichloroethene	4.663	96	65990	6.471	ug/L	97
25) Chloroform	5.084	83	8388	0.447	ug/L	90
33) Benzene	5.772	78	5813	0.150	ug/L	100
34) Trichloroethene	6.544	95	4066	0.378	ug/L	95

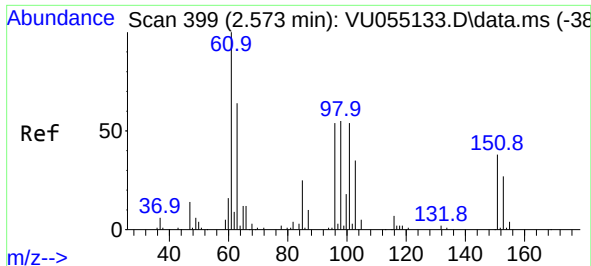
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
Data File : VU055150.D
Acq On : 06 Sep 2023 19:11
Operator : MD/SY
Sample : 04230-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4B8

Quant Time: Sep 06 20:42:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 05:03:37 2023
Response via : Initial Calibration

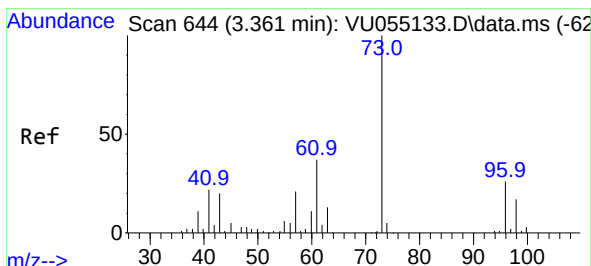
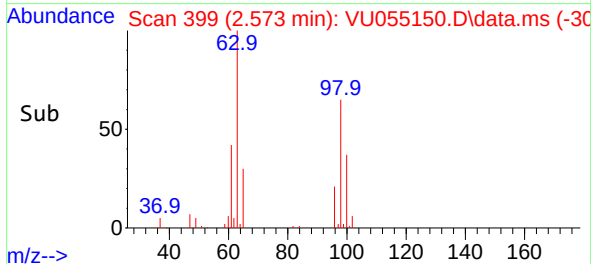
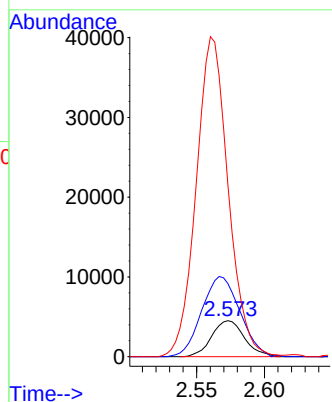
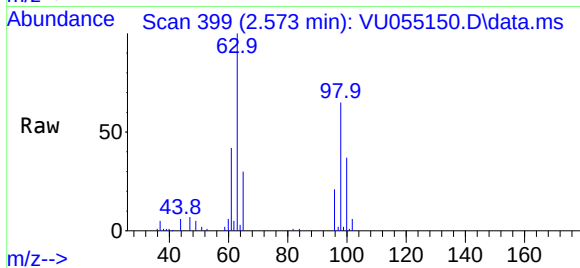




#12
1,1-Dichloroethene
Concen: 0.921 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU055150.D
Acq: 06 Sep 2023 19:11

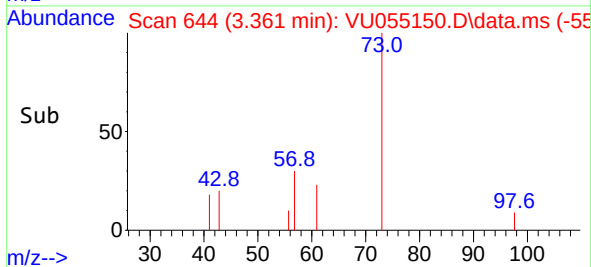
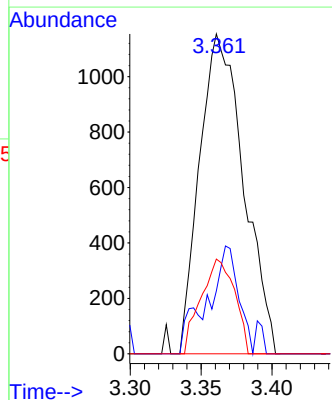
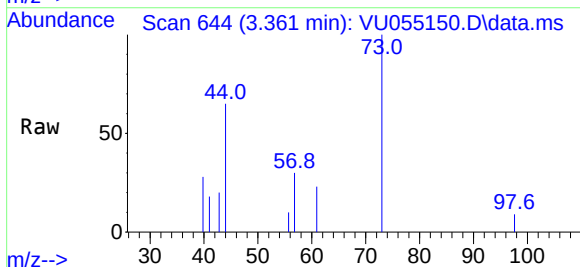
Instrument :
MSVOA_U
ClientSampleId :
BH4B8

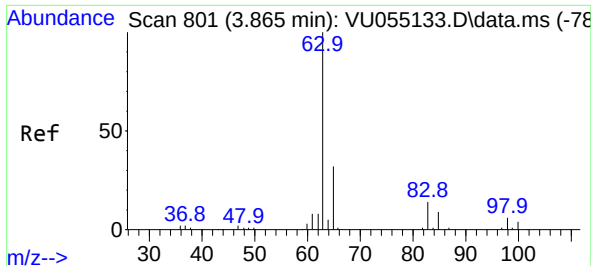
Tgt Ion: 96 Resp: 7562
Ion Ratio Lower Upper
96 100
61 202.6 120.8 224.4
63 477.3 94.5 175.5#



#17
Methyl tert-butyl Ether
Concen: 0.116 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU055150.D
Acq: 06 Sep 2023 19:11

Tgt Ion: 73 Resp: 2492
Ion Ratio Lower Upper
73 100
43 18.6 16.2 24.2
57 22.7 17.4 26.2





#19

1,1-Dichloroethane

Concen: 0.220 ug/L

RT: 3.869 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU055150.D

Acq: 06 Sep 2023 19:11

Instrument :

MSVOA_U

ClientSampleId :

BH4B8

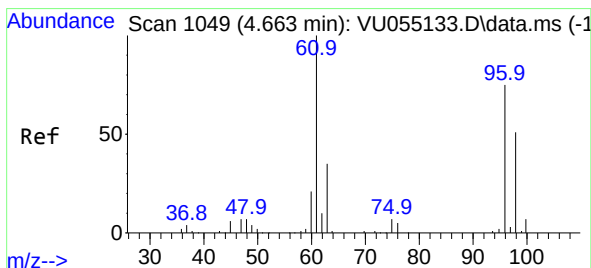
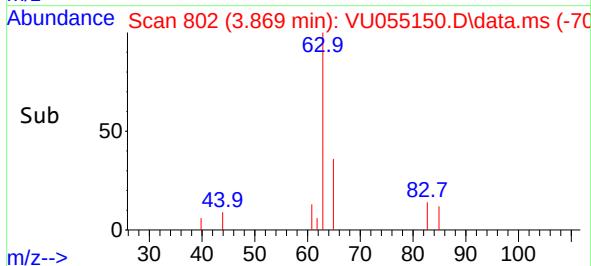
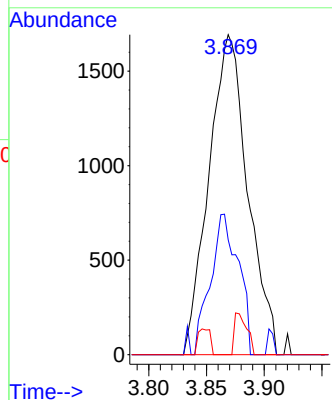
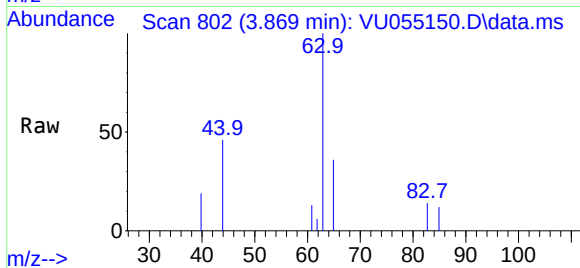
Tgt Ion: 63 Resp: 3962

Ion Ratio Lower Upper

63 100

65 35.9 22.2 41.2

83 0.0 10.6 19.8#



#22

cis-1,2-Dichloroethene

Concen: 6.471 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055150.D

Acq: 06 Sep 2023 19:11

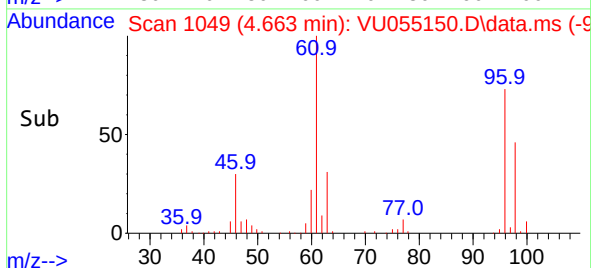
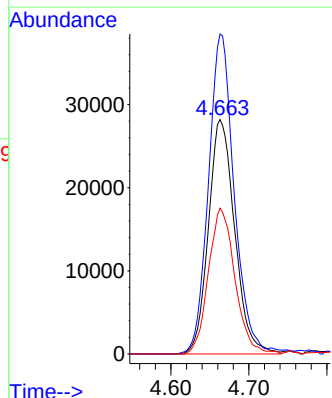
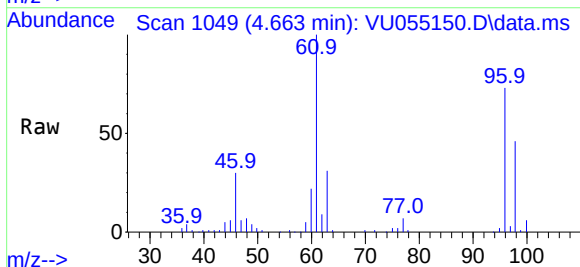
Tgt Ion: 96 Resp: 65990

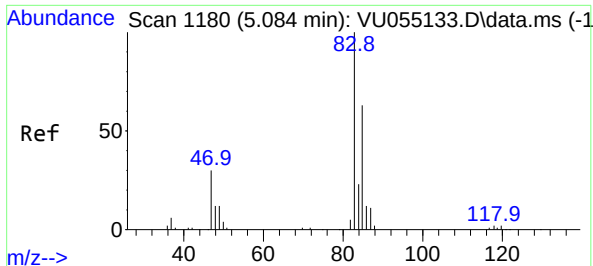
Ion Ratio Lower Upper

96 100

61 136.5 97.2 180.4

98 62.2 46.1 85.7

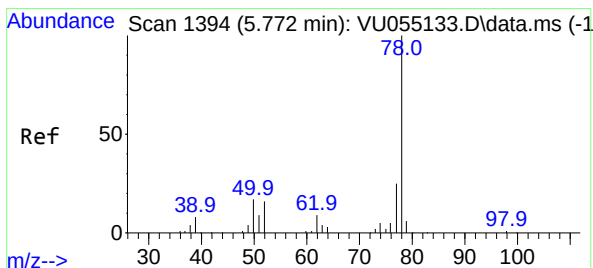
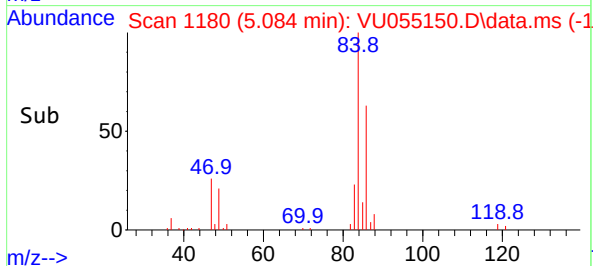
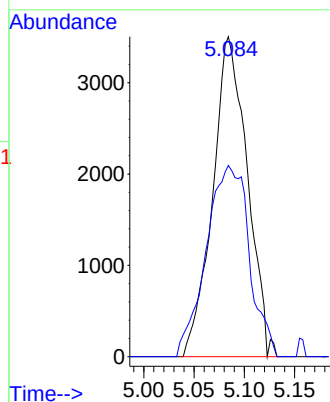
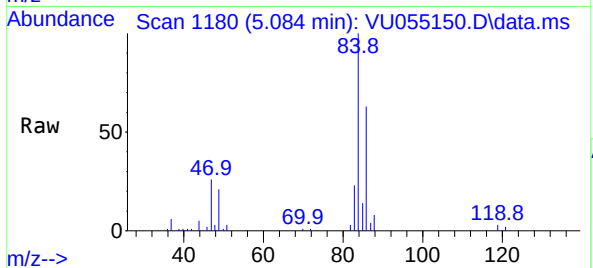




#25
Chloroform
Concen: 0.447 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.003 min
Lab File: VU055150.D
Acq: 06 Sep 2023 19:11

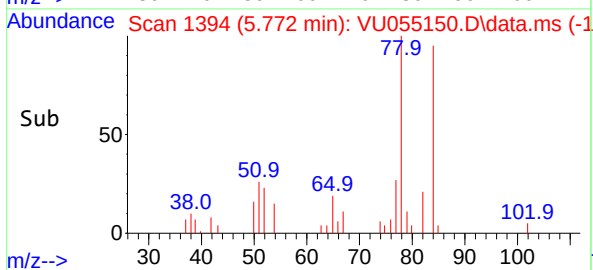
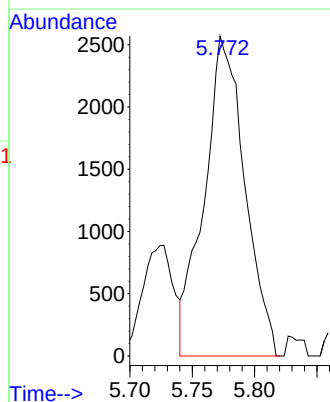
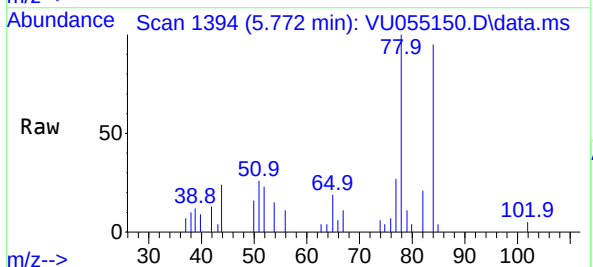
Instrument :
MSVOA_U
ClientSampleId :
BH4B8

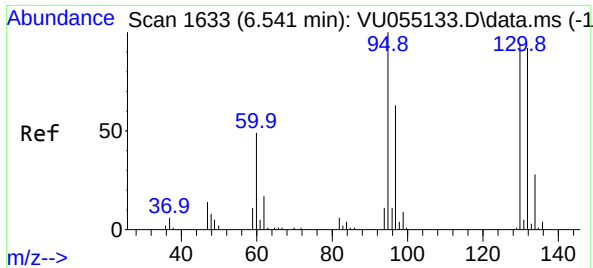
Tgt Ion: 83 Resp: 8388
Ion Ratio Lower Upper
83 100
85 59.7 47.2 87.6



#33
Benzene
Concen: 0.150 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU055150.D
Acq: 06 Sep 2023 19:11

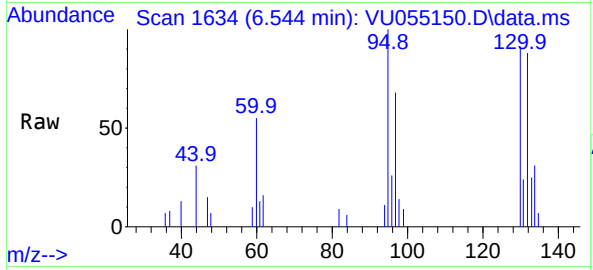
Tgt Ion: 78 Resp: 5813





#34
 Trichloroethene
 Concen: 0.378 ug/L
 RT: 6.544 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU055150.D
 Acq: 06 Sep 2023 19:11

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4B8



Tgt Ion: 95 Resp: 4066

Ion	Ratio	Lower	Upper
95	100		
97	67.6	44.7	83.1
132	88.5	66.6	123.6
130	90.6	66.5	123.5

